

# Optical Smoke Detector

## FC600/O

- **Addressable conventional technology**
- **Individual detector identification with optional address module**
- **Allows for connection of external remote indicator**
- **Anti-tamper locking feature on detector base**
- **Double dust trap and insect screen**
- **Function check by means of test magnet or test gas**



### Description

The Optical Smoke Detector FC600/O is based on the IR light scattering principle and offers superior wide-spectrum detection of smoke aerosols generated by the majority of fires. A symmetrical detection chamber allows for optimal smoke sensitivity from all directions. Any alarm will be transmitted to the fire detection panel in conventional technology. An individual detector identification can be obtained with the optional Address Module NG58-1.

The detector is equipped with an LED indicator which is visible from all sides at any angle and thus facilitates easy identification of the alarming detector. In addition, a remote indicator can also be connected.

An automatic drift compensation keeps the response sensitivity of the detector constant for a long period. The double dust trap effectively protects the detector FC600/O against false alarms resulting from dust contamination and ambient light. An insect screen prevents insects from interfering with the detection chamber.

Several types of detector bases are available to facilitate quick and easy installation. To prevent unauthorized removal of the detector, all detector bases are equipped with an anti-tamper locking feature.

A detector function test can be conveniently conducted by using either a test magnet or test gas.

### Specifications

Operating voltage	10 – 30VDC (supply through detector line voltage)
Current consumption	typ. 75µA (normal condition)
Ambient temperature	-30°C to +70°C
Relative humidity	max. 95% (no condensation)
Dimensions ø × h (without base)	106 × 46 (mm)
Colour	white
Weight	80g
Approvals	LPCB 603a/01 0832-CPD-0125
Order number	241070
Order name	Optical Smoke Detector/Conv./FC600 FC600/O



0832-CPD-0125

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